

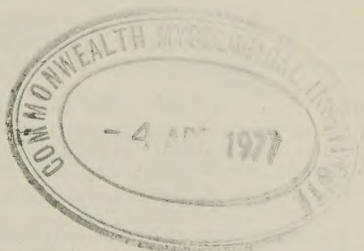
1D

EXPERIMENTAL HORTICULTURE

INDEX TO NUMBERS 21-25

AUTHOR PAGES 3-5

SUBJECT PAGES 6-9



LONDON: HER MAJESTY'S STATIONERY OFFICE

AUTHOR INDEX

Numbers 21-25

	Number	Page
ALLINGTON, P. (<i>joint author</i>), <i>see</i> HUGHES, HILARY, M.	21	12
— <i>see</i> GILL, L. MARGARET.	21	27
AUSTIN, R. G. (<i>joint author</i>), <i>see</i> LONGDEN, P. C.	21	42
BAMBER, C. M. (<i>joint author</i>), <i>see</i> PRESTON, A. P.	24	19
BOULD, C., HUGHES, HILARY M. and GUNN, E. Effects of soil management and NPK fertilizers on tree growth, yield and leaf-nutrient composition of dessert apples	24	25
BRADLEY, M. R. Techniques for the production of early glasshouse celery	25	112
BRIGGS, J. B. (<i>joint author</i>), <i>see</i> NICHOLS, R.	22	19
— <i>see</i> REES, A. R.	23	52
— <i>see</i> REES, A. R.	23	64
CASE, M. W. (<i>joint author</i>), <i>see</i> HUGHES, HILARY M.	21	1
— <i>see</i> RUTHERFORD, P. P.	24	37
CHAFFEY, S. R. The importance of source and cropping potential of carnation cuttings	22	16
CHILD, R. D. (<i>joint author</i>), <i>see</i> LONGDEN, P. C.	21	42
CHRIMES, J. R. Storage of main crop beetroot	21	49
— and GRAINGER, V. F. Spring cabbage variety trials in West Cornwall	24	1
CROFT, J. (<i>joint author</i>), <i>see</i> WHITWELL, J. D.	23	34
DUGGAN, J. B. An orchard experiment in pruning Cox's Orange Pippin apples in alternate years	23	80
FEAST, PATRICIA M. (<i>joint author</i>), <i>see</i> ROBERTS H. A.	21	36
FISHER, N. M. Brussels sprouts: estimated optimum plant population and the effect of stopping for single pick harvesting	24	83
FRITH, L. (<i>joint author</i>), <i>see</i> WHITWELL, J. D.	25	87
— <i>see</i> WOOD, M. B.	25	53
GARTHWAITE, J. M. (<i>joint author</i>), <i>see</i> WILLIAMS, J. B.	25	77
GILL, L. MARGARET. Anemones: weed control on corms	22	31
— and ALLINGTON, P. Comparison of planting dates of cold-stored and fresh strawberry runners	21	27
GRAINGER, V. F. (<i>joint author</i>), <i>see</i> CHRIMES, J. R.	24	1
GREEN, J. A. (<i>joint author</i>), <i>see</i> PRESTON, A. P.	24	9
GUNN, E. (<i>joint author</i>), <i>see</i> BOULD, C.	24	25
HILLS, MARY G. (<i>joint author</i>), <i>see</i> JOHNSON, E. W.	22	9
HOGG, W. H. Climatic factors in apple growing	21	67
HOUGHTON, B. H. Early potatoes, studies on the effects of seed storage temperatures	25	97
HUGHES, HILARY M. (<i>joint author</i>), <i>see</i> BOULD, C.	24	25
— Use of lenacil and simazine on newly planted strawberries	21	33
— Effect of plant density on yield of black currant	22	38
— Effect of in-row spacing on yield of four black currant cultivars	22	44
— Comparison of autumn and spring covering times for cloched strawberry cultivars	23	72
— Autumn cropping of strawberry cultivar Redgauntlet	23	75
— Soil and bush management studies on gooseberries	24	43
— Ventilating continuous polythene tunnels for early strawberries	24	57
— Experiments on defoliation of two strawberry cultivars at three centres	24	50
— and ALLINGTON, P. Planting times of cold-stored runners for cloched strawberries	21	12
— and CASE, M. W. Effect of planting time of cold-stored runners on yield of strawberries	21	1
INGRAM, J. (<i>joint author</i>), <i>see</i> PRESTON, A. P.	24	19
ISENBERG, F. M. (<i>joint author</i>), <i>see</i> THOMAS, T. H.	23	48

	Number	Page
JEFF, A. ELIZABETH and JONES, D. A. G. The effect of heating pipe position on the cropping of early tomatoes	25	127
JOHNSON, E. W. and HILLS, MARY G. Relation between soil and plant nutrient status in commercial tomato houses	22	9
JONES, D. A. G. (<i>joint author</i>), see JEFF, A. ELIZABETH	25	127
KINGHAM, H. G. and SMITH, C. V. Calculated glasshouse light transmission: the effects of orientation of single glasshouses	22	I
LAWSON, H. M. and WISEMAN, J. S. Weed control programmes for direct drilled winter cabbage	23	23
LITTLE, R. C. and LOWSING TONG KWONG YUEN. Variation in nutrient content of glasshouse soils	25	102
LONGDEN, P. C. and AUSTIN R. B. Harvest methods for seed crops of vining peas	21	42
LOWSING TONG KWONG YUEN (<i>joint author</i>), see LITTLE, R. C.	25	102
LUCKWILL, L. C. and CHILD, R. D. Growth regulator sprays for improving the quality of early harvested apples	25	I
NICHOLS, R. and WALLIS, L. W. Cool storage of cut narcissus	24	68
— TURQUAND, ELIZABETH D. and BRIGGS, J. B. The effect of cool storage on extension growth and deterioration of cut tulips	22	19
— and TOMPSETT, A. A. Cool storage of narcissus flowers in fibre-board boxes	24	77
PERRIN, MOLLIE E. B. Construction of keys for identification of apple, pear and plum cultivars in the nursery	23	90
PRESTON, A. P. and GREEN, J. A. Apple rootstock studies: growth and cropping of Bramley's Seedling on Malling and Malling-Merton clones	24	9
— INGRAM, J. and BAMBER, CELIA M. Apple rootstock studies: fifteen years' growth and cropping on twelve clones at Luddington	24	19
PRICE, D. The effects of 'burning-over' and fungicidal spraying on iris flower and bulb production and on the incidence of Ink Disease caused by <i>Bipolaris iridis</i> (Oudemans) Dickinson	22	25
— and TOMPSETT, A. A. Iris flower production	25	133
REES, A. R; TURQUAND, ELIZABETH D. and BRIGGS, J. B. Inter relations of bulb storage treatment and housing date on flowering date, stem length and flower differentiation in tulip	23	52
— and WALLIS, L. W. Pre-cooling of narcissus bulbs for early flowering in the field	21	61
— WALLIS, L. W., TURQUAND, ELIZABETH D. and BRIGGS, J. B. Storage treatments for early flowering of narcissus	23	64
ROBERTS, H. A. and FEAST, PATRICIA M. Seasonal distribution of emergence in some annual weeds	21	36
ROTHWELL, J. B. Raising lettuce seedlings under fluorescent lighting	25	119
RUTHERFORD, P. P. SEWELL, A. P. and CASE, M. W. Carbohydrate changes during the cold storage of rhubarb roots	24	37
SALTER, P. J., WARD, R. JANE and WHITWELL, J. D. Studies on methods of obtaining continuity of production of summer and autumn cauliflowers. I. Kirtou 1963-69	23	I
— and WOOD, M. B. Studies on methods of obtaining continuity of production of summer and autumn cauliflowers. 2. Stockbridge House 1963-69	25	7
— and TATHAM, P. B. Studies on methods of obtaining continuity of production of summer and autumn cauliflowers. 3. Efford, 1964-68	25	26
SANDWELL, I. and WOOD, M. B. Early production of self blanching celery	23	43
SEWELL, A. P. (<i>joint author</i>), see RUTHERFORD, P. P.	24	37
SMITH, C. V. (<i>joint author</i>), see KINGHAM, H. G.	22	I
SMITH, MURIEL W. G. The registration of fruit cultivars	23	85
TATHAM, P. B. (<i>joint author</i>), see SALTER, P. J.	25	26
— see WOOD, M. B.	25	53
THOMAS, T. H. and ISENBERG, F. M. Hormone physiology of onion bulbs during dormancy	23	48
TOMPSETT, A. A. (<i>joint author</i>), see NICHOLS, R.	24	77
— see PRICE, D.	25	133

	Number	Page
TURQUAND, ELIZABETH D. (<i>joint author</i>), <i>see</i> NICHOLS, R.	22	19
— <i>see</i> REES, A. R.	23	52
— <i>see</i> REES, A. R.	23	64
WALLIS, L. W. (<i>joint author</i>), <i>see</i> NICHOLS, R.	24	68
— <i>see</i> REES, A. R.	21	61
— <i>see</i> REES, A. R.	23	64
WARD, R. J. (<i>joint author</i>), <i>see</i> SALTER, P. J.	23	I
WHITWELL, J. D. (<i>joint author</i>), <i>see</i> SALTER, P. J.	23	I
— FRITH, L. and WILLIAMS, J. H. Experiments on the use of maleic hydrazide as a sprout suppressant on spring sown bulb onions	25	87
— and CROFT, J. Studies on the size of cauliflower transplants in relation to field performance with particular reference to date of maturity and length of cutting period	23	34
— (<i>joint author</i>), <i>see</i> WOOD, M. B.	23	53
WILLIAMS, J. B. Production of early Brussels sprouts for machine harvesting	25	43
— and GARTHWAITE, J. M. The effects of seed and crown size and length of cutting period on the yield and quality of asparagus grown on ridges	25	77
— (<i>joint author</i>), <i>see</i> WOOD, M. B.	25	53
WILLIAMS, J. H. (<i>joint author</i>), <i>see</i> WHITWELL, J. D.	25	87
WOOD, M. B. (<i>joint author</i>), <i>see</i> SALTER, P. J.	25	7
— <i>see</i> SANDWELL, I.	23	43
— WILLIAMS, J. B., WHITWELL, J. D., FRITH, L. and TATHAM, P. B. Brussels sprouts: continuity of supply from single harvests	25	53

SUBJECT INDEX

Numbers 21-25

	Number	Page
Analytical methods for soil nutrients	25	102
Anemones, weed control	22	31-37
Apple, effect of climatic factors	21	67-74
— fertilizers	24	25-36
— growth regulators to improve fruit quality	25	1-6
— leaf nutrient composition	24	25-36
— optimum picking date	25	5
— pruning, of Cox's Orange Pippin	23	80-84
— — methods, effect on fruit yield and quality	23	80-84
— rootstocks for Bramley's Seedling	24	9-18
— — for dessert apples	24	19-24
— scab, effect of humidity on incidence	21	73
— soil management	24	25-36
— varieties, collection at National Fruit Trials	23	85
— — identification	23	85-89
— — in the nursery	23	90-95
Asparagus, factors affecting yield and quality	25	77-86
— weed control	25	78
Beetroot, lifting methods	21	50
— losses during storage	21	54
— overwintering in the ground	21	56
— post storage quality	21	59
— storage methods	21	49-60
— — economics	21	60
— temperature records in store	21	49
— —	21	56
<i>Bipolaris viridis</i>	22	25-30
Black currant, disease control	22	45
— effect of spacing	22	38-43
— —	22	44-48
— fertilizers	22	44
— pest control	22	45
— propagation	22	38
— varieties, growth habit	22	44
— — yields	22	46
— weed control	22	39
<i>Botrytis cinerea</i> , on strawberries	21	8
—	23	77
—	24	1
<i>Botrytis tulipae</i>	22	24
Brussels sprouts, harvesting, machine	25	43-52
— — single pick	24	83-92
— —	25	53-76
— plant populations	24	83-92
— —	25	44-51
— sowing date	25	43
— —	25	74
— stopping	24	83-92
— —	25	44
— —	25	75
— transplanted and drilled crops	25	74
Cabbage, spring, variety trials	24	1-8
— winter, direct drilling	23	23
— — weed control	23	23-33
— club root control	24	2
— root fly control	23	35
<i>Capsella bursa-pastoris</i> , distribution of emergence	21	37-38
Carnations, effect of source of stock	22	16-18
— nutrient content of soils	25	103
— temperature regimes	22	16
— water application	22	16

	Number	Page
Cauliflower, curd initiation	23	5
— direct drilling compared with transplanting	23	34
— — — — —	23	7-9
— — — — —	25	22-24
— — — — —	25	39
— length of cutting period	23	34-42
— molybdenum deficiency	23	35
— propagation method	23	35
— sowing dates	23	2
— — — determined by day degrees	23	3
— summer and autumn production	23	1-22
— — — — —	25	7-25
— — — — —	25	26-42
Celery, cause of bolting	23	43
— early cropping	23	43-47
— glasshouse production	25	112-118
— propagation	23	43
— — — — —	25	115
— weed control	23	44
Certification schemes for tree fruits	23	90
<i>Chenopodium album</i> , distribution of emergence	21	37-38
Chicory, cold storage of roots	24	37
Chrysanthemums, nutrient content of soils	25	103
<i>Cladosporium viridis</i>	22	25
Climatic data, standard	21	68
— in apple growing areas	21	69
Climatic requirements of apples	21	67-74
Cloches, temperature records	23	74
Diseases of iris	25	133
Dutton laboratory, refrigerated storage	21	49
<i>Euphorbia helioscopia</i> , distribution of emergence	21	39
Fluorescent lighting, for lettuce propagation	25	119-126
Frost incidence in apple growing areas	21	70
<i>Fumaria officinalis</i> , distribution of emergence	21	39
Glasshouse, light transmission	22	1-8
— heating, effect on soil temperature	25	128
Gooseberries, soil and bush management	24	43-49
— soil and leaf nutrient status	24	47
— weed control	24	44
Heating pipes in glasshouses, arrangement	25	127-132
Identification keys for tree fruits	23	90-95
International Apple Register	23	86
International Society for Horticultural Science	23	85
Iris, diseases	25	133
— Dutch, diseases	22	25-30
— — — flower cropping	22	25-30
— — — dry bulb production	22	25-30
— — — flower production	25	133-135
— — — use of fungicides and burning over	25	133
Irrigation of strawberries	23	58
Lettuce, glasshouse temperatures	25	124
— propagation, growing medium	25	119
— — — growing room	25	119
— — — under fluorescent lights	25	119-126
Light transmission in glasshouses	22	1-8
Maleic hydrazide, as sprout suppressant in bulb onions	25	87-96
— analysis of residue in onions	25	89
<i>Matricaria matricarioides</i> , distribution of emergence	21	38
<i>Medicago lupulina</i> , distribution of emergence	21	39
Molybdenum deficiency in cauliflower	23	35
Narcissus, blooms, cool storage	24	68-76
— — — — —	24	77-82

	Number	Page
— fruit, grading	21	3
— — — — —	21	28
— — — — — misshapen	21	8
— — — — —	21	19
— — — — — wastage, causes of	21	8
— — — — —	23	77
— — — — — herbicide damage	21	33
— — — — — irrigation	24	58
— — — — — planting date	21	I-II
— — — — —	21	22
— — — — —	21	27-32
— — — — — plant spacing	21	9
— — — — — under cloches	21	13
— — — — — protected, cloche production	21	12-26
— — — — —	23	72-74
— — — — —	23	75
— — — — — polythene tunnels	23	75
— — — — —	24	57-67
— — — — — red core disease	21	14
— — — — —	24	58
— — — — — red spider mite	24	53
— — — — — runners, cold stored	21	I-II
— — — — —	21	12-26
— — — — — planting dates	21	27-32
— — — — — fresh, planting dates	21	27-32
— — — — — time of fruiting, autumn	21	23
— — — — —	23	75-79
— — — — — early summer	21	27
— — — — — weed control	21	2
— — — — —	21	13
— — — — —	21	33-35
— — — — —	23	72
Temperatures of glasshouse soils	25	128
— — — — — records for apple growing areas in the UK	21	70
— — — — — under cloches	23	74
<i>Thlaspi arvense</i> , distribution of emergence	21	39
Tomatoes, effect of heating system on crop	25	127-132
— — — — — nutrient levels in plants and soils	22	9-15
— — — — — in soils	25	103
Tree fruits, certification schemes	23	90
— — — — — identification keys	23	90-95
<i>Tripleurospermum maritimum</i> , distribution of emergence	21	38
Tulip, cool storage of cut flowers	22	19-24
— — — — — dormancy breaking in bulbs	23	50
— — — — — flowering date of forced tulips	23	52-63
— — — — — pre-forcing bulb storage treatments	23	52-63
<i>Urtica urens</i> , distribution of emergence	21	38
<i>Veronica hederifolia</i> , distribution of emergence	21	39
— — — — — <i>persica</i> , distribution of emergence	21	38
<i>Vicia hirsuta</i> , distribution of emergence	21	39
<i>Viola arvensis</i> , distribution of emergence	21	39
Weed control, in anemones	22	31-37
— — — — — in asparagus	25	78
— — — — — in black currants	22	39
— — — — — in celery	23	44
— — — — — in strawberries	21	13
— — — — —	21	33-35
— — — — —	21	72
— — — — — in winter cabbage	23	23-33
— — — — — resistance to herbicides	21	33
— — — — — seasonal distribution of emergence	21	36-41
— — — — — seed dormancy	21	40
Wind and windbreaks in relation to apple growing	21	73